

Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/665,669		
		Filing Date	SEPT. 20, 2000		
		First Named Inventor	Thomas G. WOOLSTON		
		Group Art Unit	371		
		Examiner Name	M. SAGER		
Sheet	1	of	1	Attorney Docket Number	—

U.S. PATENT DOCUMENTS

A circular stamp with the text "PATENT & TRADEMARK OFFICE" around the perimeter and "I P T O" in the center. The date "JAN 03 2007" is stamped in the center.

FOREIGN PATENT DOCUMENTS

RECEIVED
JAN 10 2001
TC 3700 MAIL ROOM

Examiner Signature		Date Considered	EE EE
-----------------------	---	--------------------	----------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
99892SERIAL NO.
08/977,806INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT
Thomas G. WoolstonFILING DATE
November 25, 1997GROUP *3713*

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER						ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>WD</i>	AA	3	8	7	7	3	1	6	04/15/75	Reiter et al.	74	5.5	
	AB	3	8	7	7	6	6	2	04/15/75	Reiter et al.	224	1 SA	
	AC	4	5	7	3	6	5	1	03/04/86	Stanton	244	165	
	AD	4	6	3	0	8	1	7	12/23/86	Buckley	272	73	
	AE	4	6	9	5	9	5	3	09/22/87	Blair et al.	364	410	
	AF	4	9	2	3	1	4	2	05/08/90	Creusot et al.	244	3.1	
	AG	4	9	2	5	1	8	9	05/15/90	Braeunig	273	148 B	
	AH	4	9	5	9	7	2	5	09/25/90	Mandle	358	222	
	AI	5	0	9	0	2	6	0	02/25/92	Delroy	74	5.37	
	AJ	5	1	3	1	1	6	5	07/21/92	Benson	33	719	
<i>WD</i>	AK	5	1	3	8	1	5	4	08/11/92	Hotelling	250	231.12	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
							YES
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	AQ						RECEIVED
	AR						JAN 10 2001
	AS						TC 3700 MAIL ROOM

EXAMINER

O'NEILL

DATE CONSIDERED

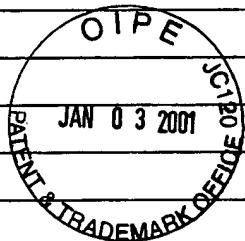
9-1-99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 99892	SERIAL NO. 08/977,806
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT Thomas G. Woolston	
				FILING DATE November 25, 1997	GROUP 3713

U. S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WV	BA	5	2	3	2	2	2	3	08/03/93	Dornbusch		273	148 B	
	BB	5	4	3	7	4	2	0	08/01/95	Rosen		244	165	
DP	BC	5	5	4	2	6	7	2	08/06/96	Meredith		463	37	
WV	BD	5	6	6	7	1	7	1	09/16/97	Fowell et al.		244	165	
	BE													
	BF													
	BG													
	BH													
	BI													
	BJ													
	BK													



FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
							YES
	BL						
	BM						
	BN						
	BO						
	BP						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	BQ						
	BR						
	BS						

EXAMINER

O'NEILL

DATE CONSIDERED

9-1-99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED
JAN 10 2001
TC 3700 MAIL ROOM

FORM PTO-892
(REV. 2-92)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

SERIAL NO.

977,806

GROUP/ART UNIT

3713

ATTACHMENT
TO
PAPER
NUMBER

8

NOTICE OF REFERENCES CITED

APPLICANT(S)

Woolerton

U.S. PATENT DOCUMENTS

•	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
A	4,009,714	7/1978	Willis	—	—	O I P E
B	5,145,446	9/1992	Kuo	—	—	JAN 03 2001 PATENT & TRADEMARK OFFICE OF
C	5,354,057	10/1994	Pawitt et al.	—	—	
D	5,453,758	9/1995	Jato	—	—	
E	5,516,105	5/1996	Eisenberg et al.	273	148 B	
F	5,713,792	2/1998	Oligno et al.	463	7	1-29-96
G	5,741,182	4/1998	Lippe et al.	463	36	6-17-94
H	5,751,773	5/1998	Colbina	463	7 X	4-30-96
I						
J						
K						

FOREIGN PATENT DOCUMENTS

•	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG.	PP. SPEC.
L	6301474	10/1994	JP	—	—	—	—	—
M	8010446	1/1996	JP	—	—	—	—	—
N								
O								
P								
Q								

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

RECEIVED
JAN 10 2001
3700 MAIL ROOM

R	
S	

1449
(ED)

U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
99892

SERIAL NO.
08/977, 806

8

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT

FILING DATE
November 25, 1997

GROUP

3713

525
529
530

U.S. PATENT DOCUMENTS

KAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ZW	AA	3	8	7	7	3	1	6	04/15/75	Reiter et al.	74	5.5	
	AB	3	8	7	7	6	6	2	04/15/75	Reiter et al.	224	1 SA	
	AC	4	5	7	3	6	5	1	03/04/86	Stanton	244	165	
	AD	4	6	3	0	8	1	7	12/23/86	Buckley	272	73	
	AE	4	6	9	5	9	5	3	09/22/87	Blair et al.	364	410	
	AF	4	9	2	3	1	4	2	05/08/90	Creusot et al.	244	3.1	
	AG	4	9	2	5	1	8	9	05/15/90	Braeunig	273	148 B	
	AH	4	9	5	9	7	2	5	09/25/90	Mandle	358	222	
Q	AI	5	0	9	0	2	6	0	02/25/92	Delroy	74	5.37	
	AJ	5	1	3	1	1	6	5	07/21/92	Benson	33	719	
WJ	AK	5	1	3	8	1	5	4	08/11/92	Hotelling	250	231.12	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	AQ		
	AR		
	AS		

THE JOURNAL OF

O'NEILL

DATE CONSIDERED

9-1-99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

THE FORM PTO-1449 (ED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 99892	SERIAL NO. 08/977,806
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Thomas G. Woolston	
(37 CFR 1.98(b))		FILING DATE November 25, 1997	GROUP 3713

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
WD	BA	5	2	3	2	2	2	3	08/03/93	Dornbusch		273	148 B		
SP	BB	5	4	3	7	4	2	0	08/01/95	Rosen		244	165		
SP	BC	5	5	4	2	6	7	2	08/06/96	Meredith		463	37		
SP	BD	5	6	6	7	1	7	1	09/16/97	Fowell et al.		244	165		
	BE														
	BF														
	BG														
	BH														
	BI														
	BJ														
	BK														

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BL							
	BM							
	BN							
	BO							
	BP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	BQ		
	BR		
	BS		

EXAMINER

O'NEILL

DATE CONSIDERED

9-1-99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-892
(REV. 2-92)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

SERIAL NO. 977,806 | GROUP ART UNIT 3713 | ATTACHMENT TO PAPER NUMBER

C525 09/665669 PTO
09/20/00

NOTICE OF REFERENCES CITED

APPLICANT(S)

Woolerton

U.S. PATENT DOCUMENTS

o	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
A	4,099,714	7/1978	Willis	—	—	
B	4,145,446	9/1992	Kuo	—	—	
C	5,354,057	10/1994	Pawitt et al.	—	—	
D	5,453,758	9/1995	Fato	—	—	
E	5,516,105	5/1996	Eisenberg et al.	273	148 B	
F	5,713,792	2/1998	Obregon et al.	463	7	1-29-96
G	5,741,182	4/1998	Lippe et al.	463	36	6-17-94
H	5,751,273	5/1998	Cohen	463	7 X	4-30-96
I						
J						
K						

FOREIGN PATENT DOCUMENTS

o	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG. PP. SPEC.
L	6,301,474	10/1994	SP	—	—	—	—
M	8,010,046	1/1996	JP	—	—	—	—
N							
O							
P							
Q							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

R	
S	